REPORT NO. 78-3-12

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OR SURVEY AREA: U.S. Department of Interior, National Park Service Chickamauga and Chattanooga National Military Park

STATES: **Georgia and Tennessee**

AREA WITHIN SURVEY BOUNDARY: 8,088 acres

DATE: 6/1/78

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 182

CREW: W. A. Carothers, B. I. Hammond

REPORT PREPARED BY: B. I. Hammond

SURVEY OBJECTIVES: To detect the location of southern pine beetle activity within the Chickamauga and Chattanooga National Military Park.

SURVEY RESULTS AND CONCLUSIONS

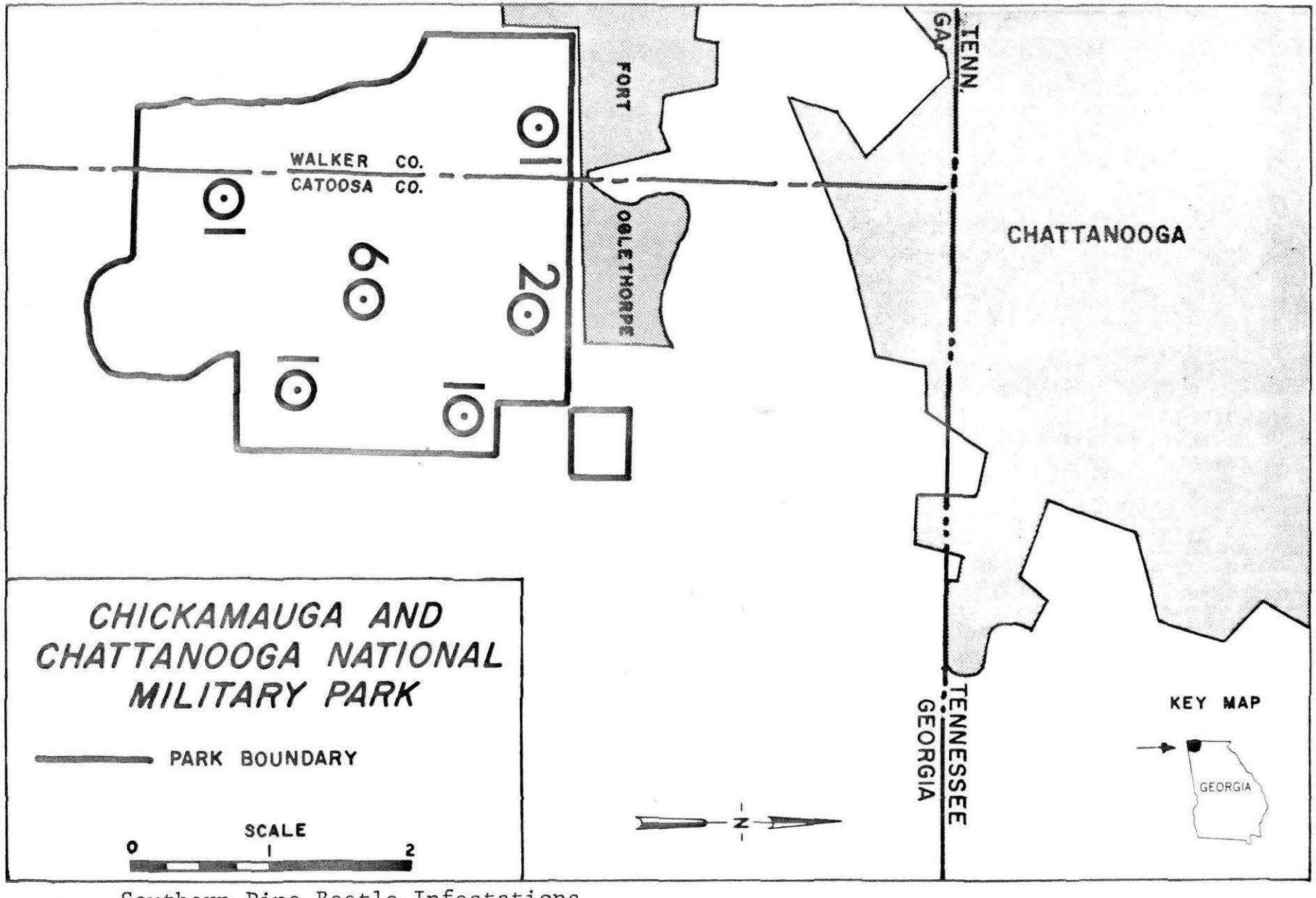
Results of this survey indicated a decrease in southern pine beetle activity on the Park. Large areas of previously killed pine were observed but only six spots of recently killed pine were found (See attached map). Ground checks showed fire damage, lightning and Ips engraver beetles as the cause of the six spots. No active southern pine beetle infestations were observed.

Field surveillance for forest pest problems should be continued by Park personnel. Any forest insect or disease problems should be reported to:

Forest Insect and Disease Management Unit
USFS - Southeastern Area

Northgate Office Park, Room 2103
3620 Interstate 85, N. E.
Doraville, Ga. 30340
Telephone: 404-221-4796

or P. O. Box 5895
Asheville, N. C. 28802
Telephone: 704-258-2850
Ext. 625



Southern Pine Beetle Infestations
Survey conducted June 1, 1978
⊙ Location with estimated number of red-topped pines.